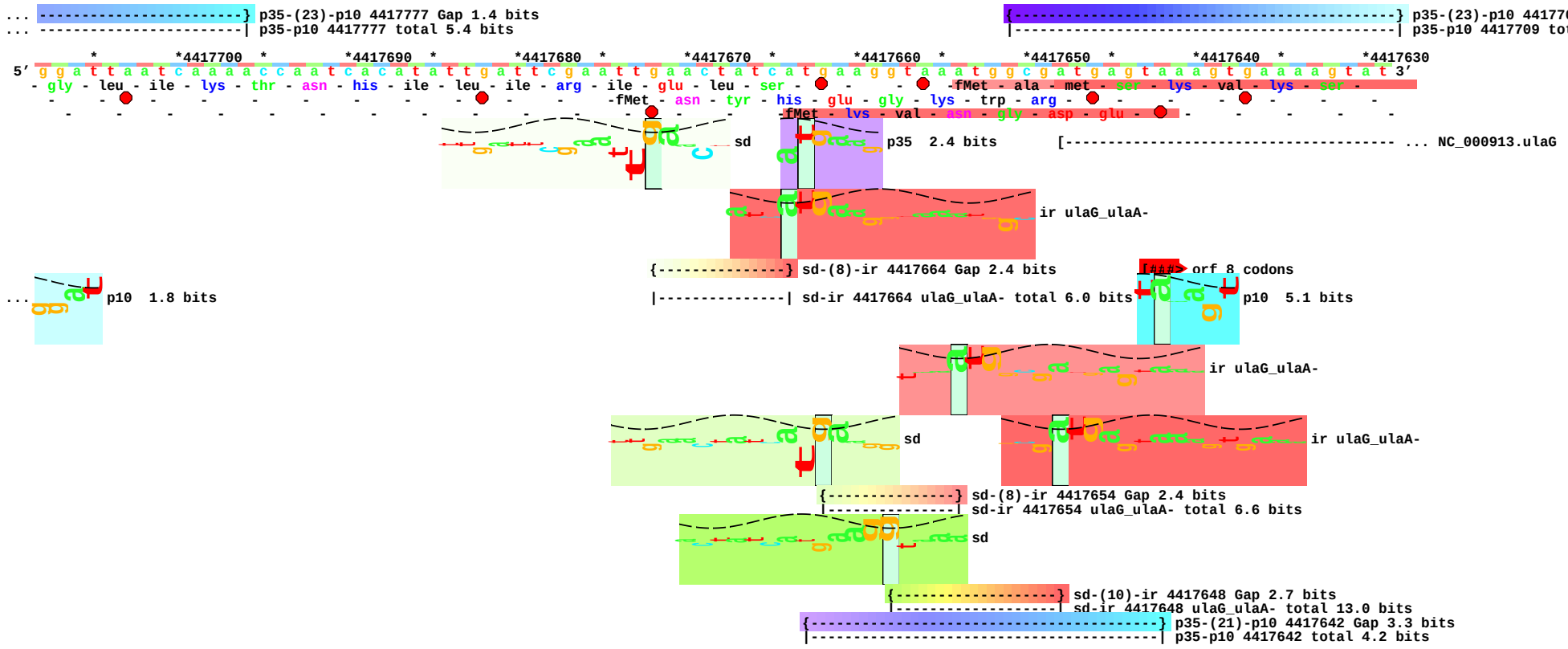
piece 1, NC_000913, ulaG_ulaA-, config: linear, direction: -, begin: 4418032, end: 4417629
*4418030 *4418020 *4418010 *4418000 *4417990 *4417980 *4417970 *4417960 *
5′ c a c g g t a a a g a t g t t g t a g a g g a t c t c c a t a c g a t c t c c t g a a g a a a g a g g t a a c c g g g t a t t c c a c a c a c c c g g a a t g t t 3′
- his - gly - lys - asp - val - val - glu - asp - leu - his - asn - asp - leu - leu - lys - lys - arg -
- thr - val - lys - met - leu - -fMet - leu -
- arg -
...] NC_000913.ulaA
*4417950 *4417940 *4417930 *4417920 *4417910 *4417900 *4417890 *4417880 *
5′ g t g c a c t c a c t c t a a t t t t c a a a a g t a a t c a c a a c a a g a t t a t t t a t g t a t t a a a t g t g a c g c g a c c c g c a a a t a a t t c c a c 3′
-fMet - his - ser - leu -
-fMet - ile - lys - cys - asp - ala - thr - arg - lys -
- cys - thr - his - ser - asn - phe - gln - lys -
-fMet - thr - arg - pro - ala - asn - asn - ser - thr -
-fMet -
p35 4.6 bits
ir ulaG_ulaA-
[###> orf 10 codons
sd
p35 2.5 bits
p10 4.6 bits
p35 5.2 bits
{----------} sd-(8)-ir 4417906 Gap 2.4 bits
|----------| sd-ir 4417906 ulaG_ulaA- total 10.2 bits
p10 3.0 bits
{----------} p35-(22)-p10 4417913 Gap 2.3 bits
|----------| p35-p10 4417913 total 5.3 bits
p10 0.5 bits
{----------} p35-(23)-p10 4417911 Gap 1.4 bits
|----------| p35-p10 4417911 total 4.3 bits
{----------} p35-(22)-p10 4417880 Gap 2.3 bits
|----------| p35-p10 4417880 total 4.7 bits
*4417870 *4417860 *4417850 *4417840 *4417830 *4417820 *4417810 *4417800 *4417790
5′ a t g g a t a g a g t g g g a t t c a c a c a a c g a a a c a a t t a t c c a t t t a a a t t c a t t t a g t t a a t t g a a t t a c a c a t t c c a t t a a a t 3′
-fMet - asp - arg - val - gly - phe - thr - gln - arg - asn - asn - tyr - pro - phe - lys - phe - ile -
- trp - ile - glu - trp - asp - ser - his - asn - glu - thr - ile - ile - his - leu - asn - ser - phe - ser -
-fMet - asn - tyr - thr - phe - his -
p35 2.4 bits
{---------- ... p35-(24)-p10 44177
|---------- ... p35-p10 4417783 to
p35 2.1 bits
{---------- ... p35-(23)-p10 44177
|---------- ... p35-p10 4417777 to
* *4417780 * *4417770 * *4417760 * *4417750 * *4417740 * *4417730 * *4417720 * *4417710
5′ c t t t c c a t a c t c a a a a t c a a c a a c a a c t t c c c t g g c a a a a a g t c a a a a a a t g g t c a t t g c c t t c c t g a a a a a a t a g t g t c a 3′
-fMet - ser -
-fMet - val - ile - ala - phe - leu - lys - lys -
-fMet - pro - ser -
p10 4.4 bits
p35 3.4 bits
p10 2.8 bits
... ----------} p35-(24)-p10 4417783 Gap 2.4 bits
... ----------| p35-p10 4417783 total 4.4 bits
{----------} p35-(23)-p10 4417715 Gap 1.4 bits
|----------| p35-p10 4417715 total 4.7 bits
p10 4.7 bits
p35 6.2 bits
... p10


... ----------} p35-(23)-p10 4417777 Gap 1.4 bits
... ----------| p35-p10 4417777 total 5.4 bits
{----------} p35-(23)-p10 441770
|----------| p35-p10 4417709 tot
* *4417700 * *4417690 * *4417680 * *4417670 * *4417660 * *4417650 * *4417640 * *4417630
5' g g a t t a a t c a a a a c c a a t c a c a t a t t g a t t c g a a t t g a a c t a t c a t g a a g g t a a a t g g c g a t g a g t a a a g t g a a a a g t a t 3'
- gly - leu - ile - lys - thr - asn - his - ile - leu - ile - arg - ile - glu - leu - ser - fMet - ala - met - ser - lys - val - lys - ser -
fMet - asn - tyr - his - glu - gly - lys - trp - arg -
fMet - lys - val - asn - gly - asp - glu -
sd
p35 2.4 bits
[---------- ... NC_000913.ulaG
ir ulaG_ulaA-
{----------} sd-(8)-ir 4417664 Gap 2.4 bits
[### orf 8 codons
... p10 1.8 bits
|----------| sd-ir 4417664 ulaG_ulaA- total 6.0 bits
p10 5.1 bits
ir ulaG_ulaA-
sd
ir ulaG_ulaA-
{----------} sd-(8)-ir 4417654 Gap 2.4 bits
|----------| sd-ir 4417654 ulaG_ulaA- total 6.6 bits
sd
{----------} sd-(10)-ir 4417648 Gap 2.7 bits
|----------| sd-ir 4417648 ulaG_ulaA- total 13.0 bits
{----------} p35-(21)-p10 4417642 Gap 3.3 bits
|----------| p35-p10 4417642 total 4.2 bits